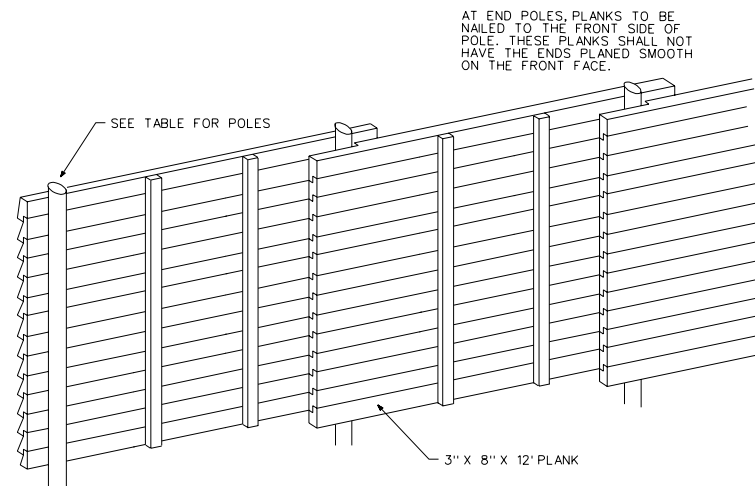
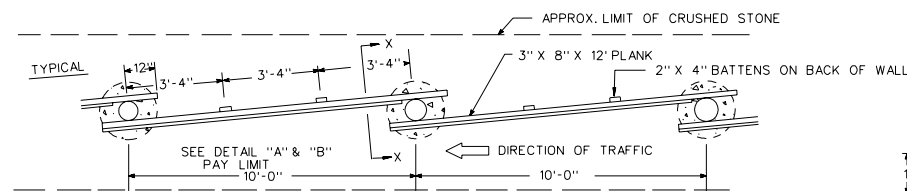


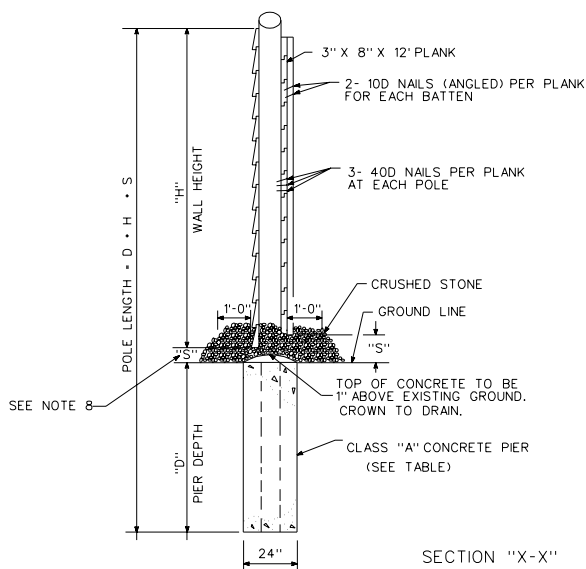
ELEVATION



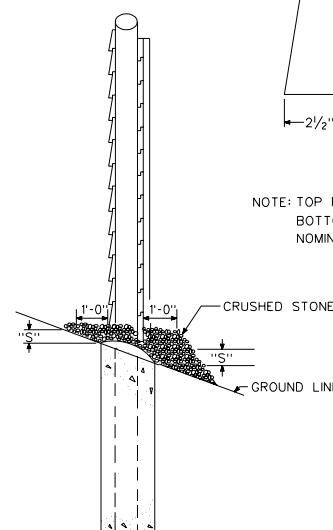
ISOMETRIC VIEW-SIDE AWAY FROM HIGHWAY



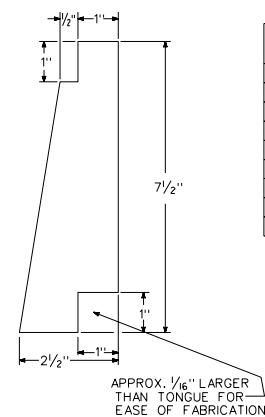
PLAN VIEW



INSTALLED ON LEVEL GROUND



INSTALLED ON SLOPE

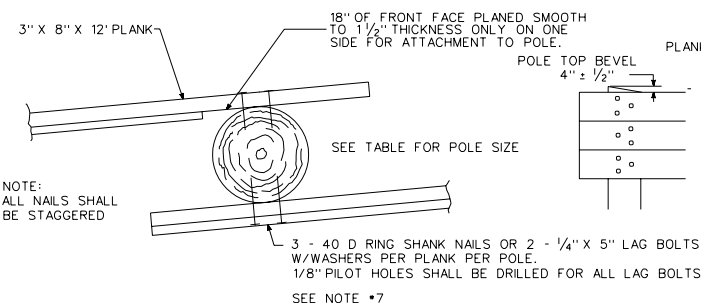


NOTE: TOP PLANK SHALL NOT HAVE TONGUE.
BOTTOM PLANK MAY HAVE GROOVE.
NOMINAL LUMBER DIMENSIONS WILL BE SATISFACTORY

TABLE - PIER DEPTH-"D"-FT. (GRANULAR SOIL ONLY)

WALL HGT "H"	POLE DIA. AT TOP OF PIER	MIN. ALLOWABLE DIA. AT TOP OF POLE	PIER DEPTH "D"		
			CASE * 1	CASE * 2	CASE * 3
6'	7"	5.5"	4'	6'	6'
8'	8"	6"	5'	6'	7'
10'	9"	6.5"	5'	7'	8'
12'	10"	7"	6'	8'	9'
14'	11"	7.5"	7'	9'	10'
16'	12"	8"	7'	10'	10'
18'	13"	8.5"	8'	10'	11'
20'	14"	9"	8'	11'	12'
22'	15"	9.5"	9'	12'	12'

CASE *1 FLAT SURFACE WITH WATER TABLE BELOW BOTTOM OF HOLE.
CASE *2 FLAT SURFACE WITH WATER TABLE ABOVE BOTTOM OF HOLE.
CASE *3 A SIDE SLOPE OF 2 : 1 WITH WATER TABLE BELOW BOTTOM OF HOLE.



DETAIL "A"

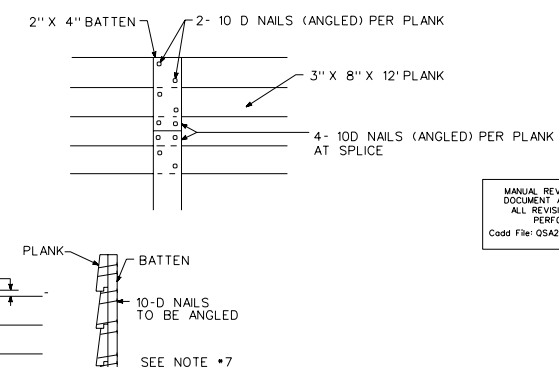
- 1 CONCRETE SHALL BE CLASS "A" IN CONFORMANCE WITH SECTION 6.01.
- 2 LUMBER & POLES
ALL LUMBER SHALL BE NO. 1 KD OR BETTER SOUTHERN YELLOW PINE OR DOUGLAS FIR - LARCH, SURFACED FOUR SIDES. ALL LUMBER AND POLES SHALL BE COMMERCIALY INSPECTED BY AN INDEPENDENT COMPANY. ALL CCA TREATED LUMBER AND POLES SHALL BE KILN DRIED TO 15% MOISTURE CONTENT AFTER TREATMENT. POLES TO BE SOUTHERN YELLOW PINE OR DOUGLAS FIR CONFORMING TO AWPB CP-88.
- 3 TREATING SPECIFICATIONS
TWO TYPES OF TREATMENT ARE ACCEPTED:
A: CCA IN ACCORDANCE WITH AWPB P-5
B: PENTACHLOROPHENOL IN ACCORDANCE WITH AWPB P-9, TYPE B (L.P.G.)
ALL MATERIAL SHALL HAVE A MINIMUM TREATMENT AS FOLLOWS:
PENTACHLOROPHENOL 0.50 LBS. PER CU. FT.
CCA 0.40 LBS. PER CU. FT.
CCA (POLES) 0.60 LBS. PER CU. FT.
TREATMENT TO CONFORM TO AWPB C-2 FOR PLANK, PANELS, BATTENS AND AWPB C-4 FOR POLES.
ALL MATERIAL SHALL BE PROTECTED FROM WEATHER UNTIL INSTALLED.
- 4 THE PLANK ENDS SHALL BE IN A VERTICAL STRAIGHT LINE AND ALL PLANKS SHALL FIT TIGHTLY AT THE TIME OF INSTALLATION. ANY PLANK WHICH DOES NOT FIT TIGHTLY SHALL BE REJECTED.
- 5 FIELD CUTS AND HOLES SHALL BE TREATED IN ACCORD WITH AWPB M4.
- 6 STAIN - PENETRATING EXTERIOR OIL BASE SEMI-TRANSPARENT STAIN COMPATIBLE WITH THE PRESERVATIVE TREATMENT. (COLOR SHALL BE GREEN UNLESS OTHERWISE NOTED ON THE PLAN)
- 7 ALL METAL SHALL BE STAINLESS STEEL TYPE 304 OR 316.

ALL NAILS SHALL BE RING SHANKED AND COUNTER SUNK.
40D NAILS SHALL BE A MINIMUM DIAMETER OF .220 INCHES AND SHALL BE A MINIMUM LENGTH OF 5 INCHES LONG. 10D NAILS SHALL BE A MINIMUM DIAMETER OF .145 INCHES AND SHALL BE A MINIMUM OF 2 3/4 INCHES LONG. LAG BOLTS SHALL BE 1/4" X 5" LONG.

- 8 THE CRUSHED STONE SHALL CONFORM TO ARTICLE M.01.01. PLACED TO A MIN. DEPTH OF 2" ABOVE THE BOTTOM OF THE PANEL PLANKS. "S" SHALL BE A MINIMUM OF 2".

TEST CERTIFICATION REQUIRED - REF. ARTICLE 1.06.07	
CERTIFIED TEST REPORT	MATERIAL CERTIFICATE
LUMBER & POLES	
TREATMENT	

A CERTIFICATE OF COMPLIANCE IS ALSO REQUIRED ON THE ABOVE ITEMS.

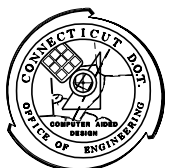


DETAIL "B"

TIMBER NOISE BARRIER WALL
TYPE 2

T. McMAHON
S. A. ROBERTS
T. McMAHON
M. SHAW

1-89
3-89
6-91
6-91



MANUAL REVISIONS TO THIS DOCUMENT ARE PROHIBITED. ALL REVISIONS MUST BE PERFORMED ON Cadd File: QSA21200,200196B.DGN